

PATENT
TS0872 02 (US)
CWS:EM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the accompanying application of)
THOMAS J. REMANS, and)
INGRID M. VAN VEGCHEL)
This is a division of Serial No. 09/626,669)
filed July 27, 2000)
METHOD FOR IMPREGNATION OF MOLECULAR) October 21, 2003
SIEVE - BINDER EXTRUDATES)

)

COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Copies of the referenced documents are not provided since they were previously submitted to the Office in the parent application, Serial No. 09/626,669 filed July 27, 2000.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

THOMAS J. REMANS, and
INGRID M. VAN VEGCHEL

By Charles W. Stewart
Their Attorney, Charles W. Stewart
Registration No. 34,023
(713) 241-0360

P. O. Box 2463
Houston, Texas 77252-2463

| FORM PTO-1449 (Modified) LIST OF INFORMATION PROVIDED BY APPLICANT (Use several sheets if necessary) | | | ATTY. DOCKET NO. TS0872 02 (US) | | APPLICATION NUMBER | | |
|---|----|--------------|------------------------------------|-----------------------|--------------------|----------|----------------------------|
| | | | APPLICANT T. J. Remans et al. | | | | |
| | | | FILING DATE | | GROUP ART UNIT | | |
| REFERENCE DESIGNATION | | | | U.S. PATENT DOCUMENTS | | | |
| Examiner Initial | | Document No. | Date | Patentee | Class | Subclass | Filing Date if Appropriate |
| | AA | 3,832,449 | 8/27/74 | Rosinski et al. | 423 | 328 | |
| | AB | 4,076,842 | 2/28/78 | Plank et al. | 423 | 328 | |
| | AC | 4,619,820 | 10/28/86 | Valyocsik | 423 | 328 | |
| | AD | 5,397,454 | 3/14/95 | Zones et al. | 208 | 46 | |
| | AE | 5,336,478 | 8/9/94 | Dwyer et al. | 423 | 708 | |
| | AF | 4,568,656 | 2/4/86 | Poepelmeier et al. | 502 | 74 | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | Document No. | Date | Country | Class | Subclass | Translation Yes No |
| | AJ | 0,059,059 A1 | 2/16/82 | Europe | C01B | 33/28 | |
| | AK | 0,522,196 A1 | 7/12/91 | Europe | C01B | 33/34 | |
| | AL | 0,108,486 A1 | 9/26/83 | Europe | C01B | 33/28 | |
| | AM | 0,042,226 A1 | 5/27/81 | Europe | C01B | 33/28 | |
| | AN | 0,057,049 A1 | 1/6/82 | Europe | C01B | 33/28 | |
| | AO | 0,065,400 A2 | 5/10/82 | Europe | C01B | 33/28 | |
| | AP | 0,162,719 A2 | 5/23/85 | Europe | C01B | 33/28 | |
| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) | | | | | | | |
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.

| FORM PTO-1449 (Modified) | | | ATTY. DOCKET NO. TS0872 02 (US) | APPLICATION NUMBER | | | |
|--|----|--|------------------------------------|--------------------|-------|----------|----------------------------|
| LIST OF INFORMATION PROVIDED BY APPLICANT | | | APPLICANT T. J. Remans et al. | | | | |
| (Use several sheets if necessary) | | | FILING DATE | GROUP ART UNIT | | | |
| REFERENCE DESIGNATION | | U.S. PATENT DOCUMENTS | | | | | |
| Examiner Initial | | Document Number | Date | Patentee | Class | Subclass | Filing Date if Appropriate |
| | BA | 5,053,374 | 10/1/91 | Absil et al. | 502 | 64 | |
| | BB | 5,157,191 | 10/20/92 | Bowes et al. | 585 | 533 | |
| | BC | 5,300,210 | 4/5/94 | Zones et al. | 208 | 46 | |
| | BD | 5,641,393 | 6/24/97 | Nakagawa | 208 | 46 | |
| | BE | 5,683,572 | 11/4/97 | Nakagawa | 208 | 46 | |
| | BF | 5,358,628 | 10/25/94 | Apelian et al. | 208 | 60 | |
| | BG | 5,986,156 | 11/16/99 | Benazzi et al. | 585 | 475 | |
| | BH | 5,952,535 | 9/14/99 | King et al. | 585 | 475 | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | Document Number | Date | Country | Class | Subclass | Translation Yes No |
| | BL | WO 96/01688 | 1/25/96 | World | B01J | 29/00 | |
| | BM | WO 94/22981 | 10/13/94 | World | C10G | 45/64 | |
| | BN | WO 96/41849 | 12/27/96 | World | C10G | 45/64 | |
| | BO | WO 91/10587 | 7/25/91 | World | B63G | 7/06 | |
| | BP | 98/12159 | 3/26/98 | World | C07C | 6/12 | |
| | BQ | 0681870 | 11/15/95 | Europe | B01J | 29/60 | |
| | BR | 0519573 | 12/23/92 | Europe | B01J | 29/12 | |
| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) | | | | | | | |
| | BS | International Search Report of November 14, 2000 | | | | | |
| | BS | H. van Bekkum et al., Studies in Surface Science and Catalysis, Vol. 58, Intro. to Zeolite Science and Practice, Elsevier, 1991, pp. 499-504 | | | | | |
| EXAMINER | | | DATE CONSIDERED | | | | |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.

| FORM PTO-1449 (Modified) | | | ATTY. DOCKET NO. TS0872 02 (US) | APPLICATION NUMBER | | | |
|--|----|---|------------------------------------|--------------------|-------|----------|----------------------------|
| LIST OF INFORMATION PROVIDED BY APPLICANT | | | APPLICANT T. J. Remans et al. | | | | |
| (Use several sheets if necessary) | | | FILING DATE | GROUP ART UNIT | | | |
| REFERENCE DESIGNATION | | U.S. PATENT DOCUMENTS | | | | | |
| Examiner Initial | | Document Number | Date | Patentee | Class | Subclass | Filing Date if Appropriate |
| | CA | 5,506,182 | 4/9/96 | Yamagishi et al. | 502 | 66 | |
| | CB | | | | | | |
| | CC | | | | | | |
| | CD | | | | | | |
| | CE | | | | | | |
| | CF | | | | | | |
| | CG | | | | | | |
| | CH | | | | | | |
| | CI | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | Document Number | Date | Country | Class | Subclass | Translation Yes No |
| | CL | | | | | | |
| | CM | | | | | | |
| | CN | | | | | | |
| | CO | | | | | | |
| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) | | | | | | | |
| | CR | W. J. Reagan, A. W. Chester, G. T. Kerr, J. Catal., 69 (1981) pp. 89-100 | | | | | |
| | CS | A. Munoz-Paez, D. C. Koningsberger, J. Phys. Chem., 99 (1995) pp. 4193-4204 | | | | | |
| | CT | R. M. Dessa, J. Catal., 77 (1982) p. 304 | | | | | |
| EXAMINER | | | DATE CONSIDERED | | | | |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.